

**What is Claimed is:**

1. A reproducing device comprising:

input means of inputting an MPEG transport stream from a hard disk; and

reproducing means of reproducing the inputted MPEG transport stream,

wherein in case of reproducing a special reproduction image,

the input means extracts an MPEG transport stream from an arbitrary position to another arbitrary position in the inputted MPEG transport stream to output the special reproduction image used for special reproduction, and

the reproducing means reproduces the special reproduction image while detecting whether a plurality of pieces of picture data exist in one of MPEG transport packets constituting the outputted special reproduction image.

2. The reproducing device according to claim 1, further comprising packet editing means of replacing picture data other than the picture used for special reproduction with dummy data and outputting the data in case of reproducing a special reproduction image, if a front half of an MPEG transport packet of the MPEG transport packets constituting the special reproduction image, in which a plurality of pieces of picture data is detected by the reproducing means, includes the picture data other than the picture used for special reproduction.

3. The reproducing device according to claim 1 or 2, further comprising packet editing means of replacing

picture data other than the picture for special reproduction with dummy data and outputting the data in case of reproducing a special reproduction image, if a rear half of an MPEG transport packet of the MPEG transport packets constituting the special reproduction image, in which a plurality of pieces of picture data is detected by the reproducing means, includes the picture data other than the picture used for special reproduction.

4. The reproducing device according to claim 1 or 2, further comprising packet editing means of making a replacement with a transport packet in which dummy data is added to the front end of the picture data used for special reproduction and a header of the transport packet is added to a front end of the dummy data and outputting the transport packet in case of reproducing a special reproduction image, if a rear half of an MPEG transport packet of the MPEG transport packets constituting the special reproduction image, in which a plurality of pieces of picture data is detected by the reproducing means, includes the picture data other than the picture used for special reproduction.

5. The reproducing device according to any one of claims 2 to 4, wherein the dummy data is one of adaptation stuffing or user data of a header of an MPEG transport packet, stuffing or user data of an MPEG packetized elementary stream, and zero-stuffing of an MPEG elementary stream.

6. A medium comprising a program and/or data for allowing a computer to carry out all or some functions of all or some means of the reproducing device according to any one of claims 1 to 5, the medium being processible by a computer.

7. An information aggregate comprising a program and/or data for allowing a computer to carry out all or some functions of all or some means of the reproducing device according to any one of claims 1 to 5.

8. A transmitting medium for transmitting an MPEG transport stream reproduced in the reproducing device according to any one of claims 1 to 5.

9. A recording medium for recording an MPEG transport stream reproduced in the reproducing device according to any one of claims 1 to 5.

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